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Hmdt B  
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THE UNITED STATES PATENT AND TRADEMARK OFFICE

re application of:  
Heideman et al.

Serial No.: 09/693,803

Filed: October 20, 2000

For: INTEGRATED OPTICAL  
LIGHTGUIDE DEVICE

Examiner: Kang, Juliana

Group Art Unit: 2874

) Attorney Docket No.  
) 080743165002

) I hereby certify that this corres-  
) pondence is being deposited with  
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) Erle A. Bowery  
)  
) Erle A. Bowery

SUPPLEMENTAL AMENDMENT AND RESPONSE

In response to the Office Action mailed April 9, 2002, please amend the above-identified application as follows:

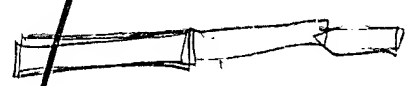
In The Claims:

Cancel claim 13 and rewrite it as new claim 25.

Sub  
C1  
B1

25. A method for determining the amount of light passing through an integrated optical lightguide device comprising the steps of:

- providing a lightguide device;
- locating a light source at an entrance of said lightguide device;
- locating a light detector at an exit of said lightguide device;
- transmitting light through said lightguide device in a direction of light propagation;
- locating several types of segments in said lightguide device, each type of segment having a different refractive index profile wherein the refractive index profile of at least



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